PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220					
E058631-CB	ACTION		well as, where applicable, item 5 below.					
International application No.	International filing date (day/month	/year)	(Earliest) Priority Date (day/month/year)					
PCT/EP2004/012384	02/11/2004	03/11/2003						
Applicant								
UNIVERSITA' DEGLI STUDI DI	MILANO							
This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.								
This International Search Report consists								
	a copy of each prior art document ci		report.					
1. Basis of the report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.								
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).								
b. With regard to any nucleo	otide and/or amino acid sequence	disclosed	in the international application, see Box No. I.					
2. Certain claims were fou	ind unsearchable (See Box II).							
3. X Unity of invention is lac	king (see Box III).							
4. With regard to the title,								
the text is approved as si	ibmitted by the applicant.							
x the text has been establis	shed by this Authority to read as follo	ws:						
THREE-DIMENSIONAL MAME SYSTEMS IN A BIOCOMPA		JLAR CE	ELL AND OVARIAN FOLLICLE CULTURE					
	•							
Ì	•							
5. With regard to the abstract,	.							
	ubmitted by the applicant.	hie Author	ity as it appears in Rox No. IV. The applicant					
the text has been establi may, within one month fr	om the date of mailing of this interna	tional sear	rity as it appears in Box No. IV. The applicant rch report, submit comments to this Authority.					
6. With regard to the drawings ,			•					
a. the figure of the drawings , a. the figure of the drawings to be published with the abstract is Figure No								
X as suggested by the applicant.								
	his Authority, because the applicant t							
as selected by this Authority, because this figure better characterizes the invention.								
b. none of the figures is to b	be published with the abstract.							

International application No. PCT/EP2004/012384

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-50 in part
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-50 in part

Microencapsulation of ovarian cells

2. claims: 1-50 in part

Microencapsulation of stem cells.

3. claims: 1-50 in part

Microencapsulation of gametes not from the ovarium

4. claims: 1-50 in part

Microencapsulation of mammalian embryos

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/012384

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K9/50 C12N5/08							
According to International Patent Classification (IPC) or to both national classification and IPC							
	B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K C12N							
	on searched other than minimum documentation to the extent that su						
	ata base consulted during the international search (name of data base ternal, WPI Data, PAJ, BIOSIS, MEDLI						
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT						
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.				
Υ	PANGAS STEPHANIE A ET AL: "Novel approach for the three-dimensional culture of granulosa cell-oocyte complexes." TISSUE ENGINEERING, vol. 9, no. 5, October 2003 (2003-10), pages 1013-1021, XP002323638 ISSN: 1076-3279 page 1014, column 2, paragraph 3; figure 1		1–50				
Υ .	EP 0 922 451 B (UNIVERSITA DI PAV UNIVERSITA' DEGLI STUDI DI MILANO UNIVERSITA' DE) 16 June 1999 (199 example 1	1–50					
Furt	her documents are listed in the continuation of box C.	χ Patent family members are listed	in annex.				
"A" docume consider earlier filing of the citation of the cita	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but	or priority date and not in conflict with cited to understand the principle or th invention *X* document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cannot be considered to involve an indocument is combined with one or medical contents.	ent of particular relevance; the claimed invention to be considered novel or cannot be considered to ean inventive step when the document is taken alone ent of particular relevance; the claimed invention to be considered to involve an inventive step when the near its combined with one or more other such docunity, such combination being obvious to a person skilled art.				
	actual completion of the international search 4 April 2005	Date of mailing of the international search report 0 8, 08, 2005					
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Friedrich, C					

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/012384

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0922451	В	16-06-1999	IT AT DE DE DK EP ES PT	MI972652 A1 243508 T 69815800 D1 69815800 T2 922451 T3 0922451 A2 2202723 T3 922451 T	28-05-1999 15-07-2003 31-07-2003 29-04-2004 13-10-2003 16-06-1999 01-04-2004 28-11-2003